

AN ARMY OF WORMS

Beginning just a week ago we began to hear reports of large numbers of worms in localities in the valley, that seemed to be working on the crops and gardens and doing some damage.

During the week reports have continued to come in, which show that the worms are doing damage in only a few restricted localities. In other localities they have appeared in considerable numbers, but are apparently doing little or no damage.

By far the greater portion of the valley as far as we have been able to learn, is entirely or almost free from them.

These worms appear to be what is known as the Fall Army Worm, as will be seen from the following from Prof. Riley's book on "Injurious Insects."

"Army-worm (*Leucania unipuncta*)—All states. The true army-worm is a brownish-white striped caterpillar growing to 2 inches in length, the larva of a moth with dull-reddish fawn-colored wings, each fore-wing with a white spot. They occur every year, but are only rarely so abundant as to justify the name. When this happens, they advance over the country in vast numbers, devouring all grasses and grains in their track, usually feeding by night or in cloudy weather. When mature they enter the ground and pupate, and a second brood of worms appears in September, hibernating as larve.

Treatment—Clean culture; burn stubble in winter; when army is advancing use poisoned baits, scattering them along in front of it; dig ditches to entrap them and then drag a log through to kill them.

Fall Army-worm, Common Grass-worm (*Laphygma frugiperda*)—All states, but especially the Central and Southern. Distinguished from the true army-worm by dark stripes along each side, separated by a stripe of grayish yellow, and also by the fact that the most destructive brood appears after August 1st—whence its common name. The worms are especially injurious to lawns, but feed on all grasses and cereals and on some garden vegetables. Moths are variable in color: hind-wings are pearly white; fore-wings range from dull grayish brown to almost black, but always have a light spot on upper side near outer edge.

Treatment—Same preventives as for the army worm. Lawns may be rolled in early morning or late afternoon, or sprayed with kerosene emulsion and then thoroughly washed down with water."

Most of the farmers whom we have interviewed on the subject know how to fight them.

It is now too late to do much, as the worms are short lived, and no doubt will have largely disappeared by the time this paper reaches its readers, but it will do no harm to give information for future use, as some of our readers, we find, have never had experience in fighting this pest.

The best thing is prevention, and this is accomplished by plowing a furrow around the field to be protected. If the ground does not turn up loose and fine, drag a log in the furrow to pulverize the soil. When the worms attempt to crawl up the sides of

the furrow thus formed, the loose particles of soil will roll under them and they will roll back in the furrow. When the furrow is full of worms, draw the log through it and nearly all the worms will be killed. Keep it up until the worms are gone.

A small garden already infested may be cleared by shutting up a flock of chickens until they are hungry and then herding them upon it. A hungry chicken will consume incredible numbers of the worms. Use the furrow scheme above mentioned to prevent further invasion.

It is said that sheep dip will kill the worms, but a poisonous spray should be used with extreme care upon vegetables intended for table use. The other measures mentioned are the best, and the danger in using poisoned sprays is thereby avoided.

One of the best protections to the gardens is a large flock of chickens. A. L. Bilsing tells us that his field crops have been thoroughly protected by an unusually large flock of chickens.

We are also told that the Milbourn farms have been protected by a flock of several hundred turkeys. In this case the worms were nipped in the making. The turkeys consumed the moth and there are no worms on the turkey range.

Mount Galvary

Special Correspondence.

The harvesting is about over, wheat will make about ten bushels per acre.

Mr. Imboden has a nice garden which he has irrigated from a wind mill.

Sid Teague is helping Mr. Imboden harvest this week.

Mrs. Means accompanied Mr. Means to the Spencer mill Sunday and spent the day with Mrs. J. S. Spencer.

J. J. White was over looking at his farm in the draw which he will have planted in wheat this fall.

Mrs. McMichael and Mrs. Charlie Isenhardt went to Mountainair Saturday.

Mr. Armstrong has taken the contract to break about sixty acres of land for J. J. White this fall.

We need another good rain to make a bumper corn crop. We have had two messes of roasting ears.

We learn that Mr. Teague has taken the contract to break Mr. Hopkin's land which he expects to plant in wheat this fall.

Simeon Burke ties his horse over at Mr. Harris'. We wonder what causes that? It may be that he needs a cook.

Misses Nellie Carver, Jennie McKinley and Willie Henderson spent Saturday night with Miss Della Means.

Misses Ruby and Pearl McKinley spent Sunday with Ruth Means.

We saw some fine apples on B. B. Spencer's apple trees on his home place yesterday. The day is now at hand when there will be many orchards in the Manzano mountains. We still can pull off our hat and hallow, "hurrah for the valley, and for her people," for we believe in the valley and the men and women who have located therein.

Too late for last week.

Our neighbors are all busy harvesting and laying their crops by.

COMING!

We take pleasure in announcing that

BUSTER BROWN AND HIS TIGER DOG

Will be here to entertain the parents and children of this town and vicinity.

Don't Fail To See Them

They're the real, live characters, the very ones you want to see and the children should not be allowed to miss them.



Entertainment under the direction of

Hughes Mercantile Company, ESTANCIA, NEW MEXICO

Wednesday, August 28th

Don't Forget the Date

Mr. Jessie has returned from Clovis and will make five year proof the 20th of this month. Mr. and Mrs. Jessie are old timers and good neighbors.

Jim Thompson has returned from Gallup and says this country is good enough for him. He expects to plant a large crop of wheat this fall.

Mr. Armstrong has returned from Eastview and is cultivating his crop which looks very well.

Sam Isenhardt and Otha Harris are cultivating the Wimsatt farm this week.

Sam Isenhardt has built a nice residence on his 320-acre farm, at the lane just south of Mountainair. We would not be surprised that some farmer did not lose his girl before long the way things look. We love to see boys with pluck; it takes that to make men.

Miss Della Means spent Sunday with Mrs. McMichael.

Mr. Hopkins has returned from the rock crusher and will spend a few days on his farm.

Mrs. Means spent Sunday with Mrs. Harris.

John Cummings and son have been cultivating Frank and Charlie Daniels crop this week while the boys were at the rock crusher.

It was your scribe's privilege to attend the Chautauqua at Mountainair last week, which was great in many respects. I want to say a word here. I do not believe that our local people appreciate this great institution. I believe that we can gain more knowledge in every way by attending the Chautauqua than at any other place the same length of time. First, because we hear some of the greatest men speak on all subjects. Second, we hear some of our greatest women speak. Third, we hear some of the best singing and music. We hope our people will attend next year and see and hear for themselves.

The big rain that fell here last Tuesday has put a smile on the farmers' faces. We believe that this insures the best crop the valley has ever had. She people already have had new potatoes, beans, cucumbers and cabbage.

Mr. Imboden has been running his header. We have not learned how much wheat he has cut.

We hope that all the farmers will attend the fair at Willard and bring their best and show the world what our valley can produce.

RESOLUTIONS

Resolved by Stella Rebekah Lodge No. 17, Estancia, N. M., assembled this 7th day of August A. D. 1912; that in the death of our beloved sister, Mayme Elgin, who passed away on the 2nd day of August, 1912, this Lodge suffers the loss of one of its most earnest and devoted members and one that will be sorely missed in our fraternal circle. That while we mourn the loss of our departed sister, we would tender to her relatives and friends our sincerest sympathy in this the hour of their affliction.

Be it further resolved that these resolutions be spread on the records of the Lodge and copies be furnished the local paper here and those in Neely Idaho, for publication and that our charter be draped in mourning for a period of thirty days.

(Seal)
Mollie Brashears,
Noble Grand.
Mrs. Maggie E. Davis,
P. N. G.
Florence Garnett,
Secretary.

I have large quantities of fine apples for sale. For full information write—R. B. Cochran, Pojoaque N. M.



J. P. PORTER
"The Land Man"

If you want to sell, list your land either in person or by mail, have a large correspondence list and will rush the business.

It has come to our notice that some people laugh at our efforts. No matter what a person does, especially if it is anything original, some people will consider him foolish. Nothing has ever been accomplished in this world but that some people laughed at the idea. The next time you see anyone laugh at our efforts or at the efforts of anyone who is endeavoring to do something for this country just make a little investigation, inquire from his neighbors whom you know are doing something and see if he has even tried to help himself. We know our efforts are appreciated by the man who is doing the best he can and is too busy to be laughing at others.—Moriarty Messenger.

Notice

of Dissolution of Co-partnership of the Ogier-Scott Lumber Company. To All Whom it May Concern: Notice is hereby given that the co-partnership heretofore existing between A. P. Ogier and Earl Scott, and known as the Ogier-Scott Lumber Company, is hereby mutually dissolved. All parties owing said Ogier-Scott Lumber Company are hereby notified to settle with A. P. Ogier, whose post-office address is Tsjique, N. M., and all parties said Ogier-Scott Lumber Company are indebted to are notified that A. P. Ogier has assumed said indebtedness. Said dissolution takes effect this 22nd day of July, 1912.
F. F. JENNINGS, A. P. OGIER,
Witness to signatures. EARL SCOTT